

UNITED COATINGS -- RHINO TOP, SMOOTH WALKWAY COMPOUND, NON-SLI -- 8010-00-641-0429

===== Product Identification =====

Product ID:RHINO TOP, SMOOTH WALKWAY COMPOUND, NON-SLI

MSDS Date:07/17/1991

FSC:8010

NIIN:00-641-0429

MSDS Number: BRNNF

==== Responsible Party ===

Company Name:UNITED COATINGS

Address:E. 19011 CATALDO

City:GREENACRES

State:WA

ZIP:99016

Country:US

Info Phone Num:509-926-7143

Emergen

cy Phone Num:509-926-7143

Preparer's Name:DON LILY/ENVIRON. SECT.

CAGE:UNITD

==== Contractor Identification ===

Company Name:UNITED COATINGS INC

Address:2850 FESTIVAL DR

City:KANKAKEE

State:IL

ZIP:60901

Country:US

Phone:815-935-1200

CAGE:UNITD

Company Name:UNITED PAINT MFG CO

Address:19011 E CATALDO RD

Box:City:GREENACRES

State:WA

ZIP:99016-5000

Country:US

Phone:509-926-7143/800-835-9673

CAGE:64246

===== Composition/Information on Ingredients =====

Ingred Name:ETHYLENE GLYCOL

CAS:107-21-1

RTECS #:KW2975000

Fraction by Wt: 1.70%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:50 PPM

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:BUTYL CARBITOL

CAS:112-34-5

RTECS #:KJ9100000

Fraction by Wt: < 2.0%

Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 0.7 LB/GL; 82 GM/L

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO

IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: HEADACHE, NAUSEA, VOMITING, ABDOMINAL PAIN, IRRITATION OF NOSE/THROAT/LUNGS. SKIN/EYE IRRITATION. CHRONIC: NOT ESTABLISHED. THE EFFECTS OF OVEREXPOSURE ARE BASED ON ACUTE TOXICITY PROFILES FOR A NO. OF ACRYLIC EMULSIONS THAT ARE COMPOSITIONALLY SIMILAR TO THIS EMULSION. OTHERS INVOLVE AMMONIA, ETHYLENE GLYCOL.

Effects of Overexposure:INHALATION OF VAPOR/SPRAY MIST CAUSE HEADACHE, NAUSEA, IRRITATION OF NOSE, THROAT, LUNGS. SLIGHTLY IRRITATING TO SKIN. EYE CONTACT SEVERE IRRITATION DUE TO AMMONIA IN PRODUCT. MAY ABSORB THROUGH SKIN, WHICH MAY CAUSE DAMAGE TO KIDNEYS, & DEPRESSION OF CENTRAL NERVOUS SYSTEM (CNS). INGESTION MAY CAUSE NAUSEA.

Medical Cond Aggravated by Exposure:A PRE-EXISTING EYE OR PULMONARY DISEASE OR IMPAIRED KIDNEY FUNCTION MAY BE SUSCEPTIBLE TO AGGRAVATION FROM EXPOSURE.

===== First Aid Measures =====

First Aid:INHALATION: RE

MOVE TO FRESH AIR. GIVE CPR IF NOT BREATHING.

IF BREATHING DIFFICULT GIVE OXYGEN. CALL A PHYSICIAN IMMED. EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. IF IRRITATION PERSISTS, SEE A PHYSICIAN. SKIN: WASH W/SOAP & WATER. CONSULT A PHYSICIAN IF IRRITATION PERSIST. IF SWALLOWED, CALL A DR. IMMED. NEVER GIVE ANYTHING TO UNCONSCIOUS PERSON.

===== Fire Fighting Measures =====

Extinguishing Medi

a:CO2, DRY CHEMICAL, WATER FOG

Fire Fighting Procedures:COOL FIRE EXPOSED CONTAINERS WITH WATER FOG TO PREVENT PRESSURE BUILD-UP.

Unusual Fire/Explosion Hazard:FOR FIRES INVOLVING THIS MATERIAL DON'T ENTER ANY ENCLSD/CONFINED FIRE SPACE WITHOUT PROPER EQUIPMENT, PLUS SCBA TO PROTECT AGAINST THE HAZARDOUS EFFECTS.

===== Accidental Release Measures =====

Spill Release Procedures:DIKE & CONTAIN SPILL WITH INERT MATERIAL

(SAND, EARTH OR OTHER SUITABLE MA

TERIAL) & PLACE IN APPROVED

CONTAINERS. PREVENT SPILLED LIQUID FROM ENTERING SEWERS, STORM DRAINS, & OTHER UNAUTHORIZED TREATM ENT/DRAINAGE SYSTEMS & NATURAL WATERWAYS.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP FROM FREEZING. PRODUCT WILL COAGULATE. KEEP CLOSED AFTER EACH USE. DON'T GET IN EYES, CLOTHES OR ON SKIN. DON'T USE PRESSURE TO EMPTY CONTAINER.

Other Precautions:CONTAINERS, EVEN EMPTY, WILL RETAIN PROD

UCT RESIDUE &

VAPORS. HEED WARNINGS & HANDLE EMPTY CNTNRS AS IF FULL. FOR EXTERIOR USE ONLY. USE OF THIS PRODUCT INSIDE, HEALTH HAZARD. DON'T CUT, WELD, DRILL O N/NEAR THIS CONTAINER. KEEP FROM CHILD.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:RESPIRATORS SHOULD BE WORN FOR PROTECTION FROM AMMONIA VAPORS, ESPECIALLY IN CONFINED AREAS. RESPIRATORS SHOULD BE NIOSH APPROVED, & MAY BE A FULL FACE PEICE, A SUPPLIED AIR, OR SCBA

IN THE PRESSURE DEMAND MODE.

Ventilation: IN CONFINED AREAS, LOCAL MECHANICAL EXHAUST VENTILATION

CAPABLE OF MAINTAINING EMISSIONS AT THE POINT OF USE BELOW PEL.

Protective Gloves: IMPERVIOUS (RUBBER, NEOPRENE)

Eye Protection: SAFETY GLASSES, SPLASH GOGGLES

Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER SHOULD BE AVAILABLE.

Supplemental Safety and Health

CHRONIC: ETHYLENE GLYCOL MAY CAUSE LOSS OF APPETITE, LIVER, KIDNEY & NEURAL DYSFUNCTION IF EXPOSED TO HIGH CONCENTRATIONS.

===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:212F,100C

Melt/Freeze Pt:M.P/F.P Text:32.0F,0.0C

Vapor Pres:0.1 MM HG

Vapor Density:< AIR

Spec Gravity:1.43

pH:8-9.1

Viscosity:80-100 K.U.

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:SOLUBLE

Appearance and Odor:VISCOUS, PIGMENTED LIQUID, AMMONIA ODOR

Percent Volatiles by Volume:55#2

===== Stability and Reactivity Data =====

Stability Indi

cator/Materials to Avoid: YES

Hazardous Decomposition Products: THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF CARBON/NITROGEN, UNIDENTIFIED ORGANIC COMPOUNDS IN SMOKE & ACRYLIC MONOMERS.

===== Disposal Considerations =====

Waste Disposal Methods: CONSULT APPROPRIATE LOCAL, STATE & FEDERAL REGULATIONS TO AS CERTAIN PROPER DISPOSAL PROCEDURES. DISPOSE OF CONTAMINATE IN A MANNER APPROVED FOR THIS MATERIAL. EMPTY CONTAINERS CAN HAVE RESIDUES, GASES,

MISTS & ARE SUBJECT TO PROPER
DISPOSAL.

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